

# Converting Colors

Android(4278216204)

Have a look what the booklet for  
Android(4278216204) contains.

|  |    |
|--|----|
| <b>Android(4278216204)</b> .....               | 3  |
| <i><b>Conversions</b></i> .....                | 4  |
| <i><b>Details</b></i> .....                    | 6  |
| <i><b>Harmonies</b></i> .....                  | 11 |
| <i><b>Previews</b></i> .....                   | 23 |
| <i><b>Color Blindness Simulation</b></i> ..... | 26 |
| <i><b>CSS Examples</b></i> .....               | 29 |

# Color

**Android(4278216204)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | 00660C                      |
| RGB         | 0, 102, 12                  |
| RGB Percent | 0%, 40%, 5%                 |
| CMY         | 1.0000, 0.6000, 0.9529      |
| CMYK        | 1.00, 0.00, 0.88, 0.60      |
| HSL         | 127°, 100%, 20%             |
| HSV         | 127°, 100%, 40%             |
| XYZ         | 4.8177, 9.5293, 1.9332      |
| YIQ         | 61.2420, -31.9020, -49.6140 |

# Conversions

## Conversions Part 2

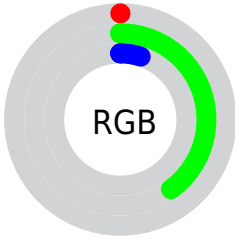
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>RYB</b>                          | 0, 91, 102                     |
| Decimal                             | 26124                          |
| CIELab                              | 36.98, -43.34, 39.18           |
| CIELCh                              | 37, 58.419, 137.887            |
| Yxy                                 | 9.5293, 0.2959,<br>0.5853      |
| Android<br>(android.graphics.Color) | 4278216204<br>(0xFF00660C)     |
| YUV                                 | 61.2420, -24.2763,<br>-53.7092 |
| Hunter-Lab                          | 30.8695, -26.1637,<br>17.8956  |

# Details

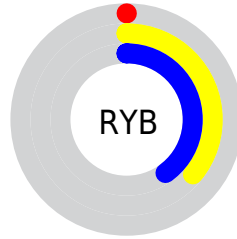
The Android color **4278216204** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **4284874842**, and the grayscale version is **4282269246**.

A 20% lighter version of the original color is **4282948160**, and **4278203648** is the 20% darker color. If you saturate the color by 10%, you get **4278216204**, and if you desaturate by 10%, it is **4278871573**.

# Distribution



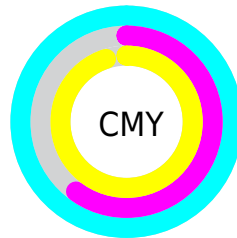
- Red (0%)
- Green (40%)
- Blue (5%)



- Red (0%)
- Yellow (36%)
- Blue (40%)



- Cyan (100%)
- Magenta (0%)
- Yellow (88%)
- Black (60%)



- Cyan (100%)
- Magenta (60%)
- Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278216204 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Android color 4278216204 by changing the saturation by 10% instead.



 4278216204

 4278216204

4294967293

 4278209792

 4282948160

 4278203648

 4284790105

 4278198272

 4286566771

 4278190080

 4288409229

 4290248616

 4292149188

 4294049760

 4278216204

 4278871573

 4279526942

 4280247847

 4280903216

 4281558585

 4282213954

 4282869323

 4283590228

 4284245597

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4283456768



4278216204



4278217282

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



4278216204



4278215348



4289207613

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



4278216204



4284874842

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



4288683884



4278216204



4279456690

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



4278216204



4278217117



4286266263



4288231183

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



4278216204



4278217571



4286266263



4289206349



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



4278216204



4284319074



4284114432



4280959533



4290953922



4282532418



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



4278216204



4278224144



4278216255



4281217839



4278219534



4278252061



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



4284874842



4286906485



4284874791



4281544242



4285726821

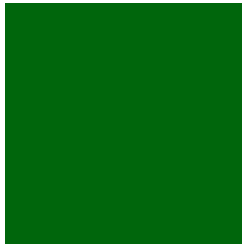


4294050006



# Previews

## White Background



This preview shows how the Android color 4278216204 looks on a white background.

## Color Contrast Check

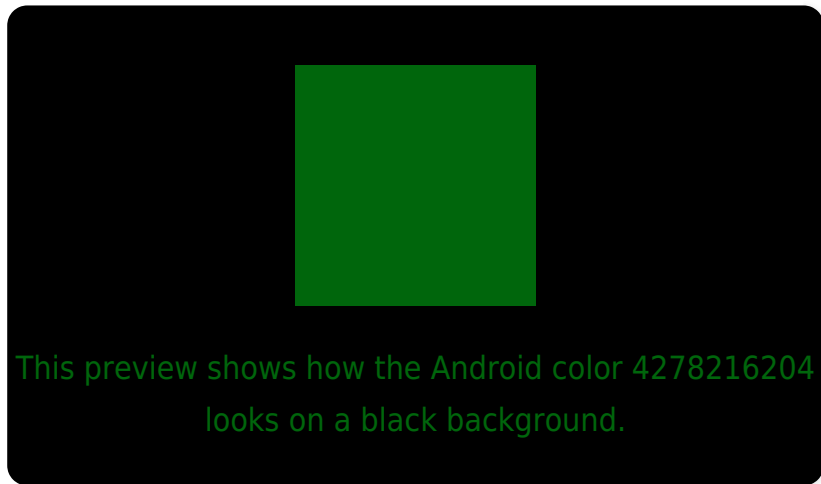
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4278216204 Background



This preview shows how black text looks on a background with the Android color 4278216204.



This preview shows how white text looks on a background with the Android color 4278216204.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



**Original Color**  
4278216204

**Protanopia**  
4284634886

**Deuteranopia**  
4285354777



# Trichromacy



**Original Color**  
4278216204

**Protanomaly**  
4282276872

**Deuteranomaly**  
4282735124

**Tritanomaly**  
4279984710

# Monochromacy



**Original Color**  
4278216204

**Achromatopsia**  
4282203453

**Achromatomaly**  
4280765483

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278216204 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(0, 102, 12)` looks like.

```
.text, #text, p{  
    color:rgb(0, 102, 12)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(0, 102, 12) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 102, 12) }
```

## Border

The CSS property to change the border of an element to Android 4278216204 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(0, 102, 12) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(0, 102, 12) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(0, 102, 12)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 102, 12); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 102, 12);  
box-shadow:4px 4px 4px 4px rgb(0, 102, 12)  
}
```

# Background

The CSS property to change the background color of an element to Android 4278216204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 102, 12) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(0, 102,  
12) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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